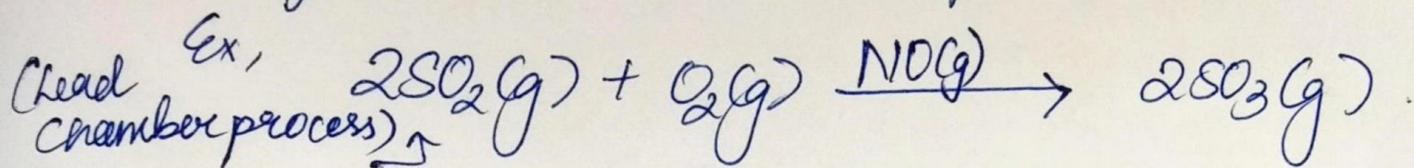


CONCEPTS

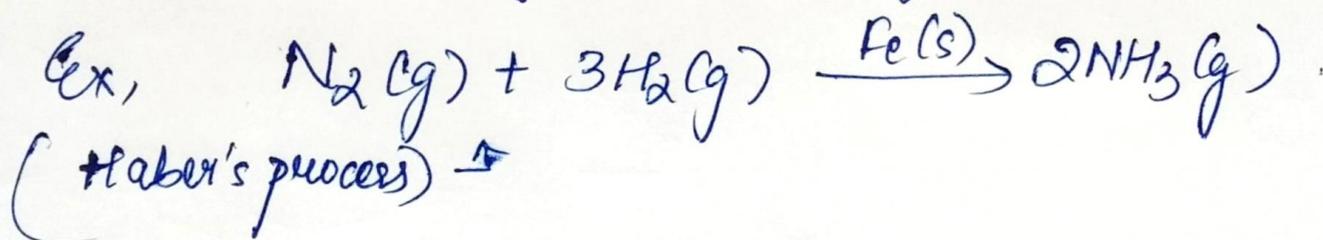
- * * Adsorption :- The accumulation of molecular species at the surface rather than in the bulk of a solid or liquid is termed as adsorption.
- * Adsorbate :- The molecular species which concentrates or accumulates at the surface is termed as adsorbate.
- * Adsorbent :- The material on which the surface of which the adsorption takes place is called adsorbent.
- * Desorption :- The process of removing an adsorbed substance from a surface on which it is adsorbed is called desorption.
- * Absorption :- It is the phenomenon in which a substance is uniformly distributed all over the surface.
- * Sorption :- When adsorption and absorption take place simultaneously.

Catalysis :- Substances which accelerate the rate of ~~reaction~~ chemical reaction, and themselves remain chemically and quantitatively unchanged after the reaction are known as catalysts and phenomenon is known as catalysis.

i) Homogenous catalyst :- when reactants, ^{products} and catalyst are in same phase.



ii) Heterogenous catalyst :- when reactants, ~~products~~ and catalysts are in different phases is known as heterogeneous catalyst.



* Colloids :- A colloid is a heterogeneous system in which one substance is dispersed as very fine particles in another substance, called dispersion medium.